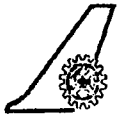


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*Title* : NDT report on the Nose Cone Radome for Jaguar Maritime Aircraft.*Author / s* : **M. Rajendra Prakash, RMVGK Rao***Division* : FRP Division*NAL Project No.* : X-0-103*Document No.* : PDRP0304*Date of Issue* : July 2003

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*External Participation* : Nil*Sponsor* : **HAL***Approval*: Head, FRP Division*Remarks* : --*Keywords*: Composite Materials, NDT, Wood pecker, Repair.*Abstract*:

This report presents the preparation of test laminates by Resin Injection Technique(RIT) using high temperature Epoxy resin system (C14: K68: K13) with Contour performs for Non Destructive testing The Jaguar nose cone Radomes were fabricated using closed moulds and cured in an oven. The Radomes are demould and postcured as per the post cure cycle. After the post cure NDT was carried out using Woodpecker (WP 632) instrument as per the standard procedure. The NDT values are well with in the 25% of the reference value.